«OpenFile»
Package::controller

JFileChooser fc Component comp Media song MediaPlayer player File file[MAX] int i

openFile() checkExt() play() pause() stop()

> «BeatMaker» Package::controller

Sequencer sequencer
Sequence sequence
Track track
String[] instrucmentNames
int[] instruments

BeatMaker() startUp() setUpMidi() «App» Package::View

String SCENE_FILE String WINDOW_TITLE

main(String [] args)
start(Stage)

«metronome.fxml» Package::view.fxml

«mainScene.fxml» Package::view.fxml

«MetronomeController» Package::controller

boolean initialized Labal bpmLabel Textfield bpmField Slider bpmSlider

initialize()
handleInputText(ActionEvent)
updateGuiBpm()
validate(String)

«SceneController»
Package::controller

OpenFile openFile
SplitPane main_split_pane
AnchorPane left_split_pane
AnchorPane right_aplit_pane

openMetronome()
openmp3(ActionEvent)
loadNewSoundPanel(String)
goToGitHub()
play(0
pause()
stop()
close()
newBeat()

«Settings» Package::model

int bpm
String MENTRONOME_FXML
String METRONOME_TITLE
int MIN_SLIDE_BPM
int MAX_SLIDE_BPM
int DEFAULT_BPM